

## Two-Days

# INTERNATIONAL SYMPOSIUM ON MATERIALS SCIENCE AND INNOVATION FOR SUSTAINABLE SOCIETY

Schedule in IST (10.00am-2.00pm) JST(1.30 pm- 5.30pm)

### Day 1 – 26<sup>th</sup> August 2020

Sr. No.	Time	Name	Topic
1	10.00 -10.25 am	Inaugural	
2	10.25 – 11.20 am	Prof. Akira Yoshino ( <i>Keynote speaker</i> )	
3	11.20 – 11.45 am	Prof. R. K. Verma	The making and smartness of ferrite nano materials-approach of a thermal analyst
4	11.45 – 12.10 pm	Prof. Shunji Bando	Synthesis and characterization of nanocarbon based composites: Doping of nitrogen to graphene and encasing the nanowire in carbon nanotubes
5	12.10 – 12.35 pm	Dr. Nirmalya Ballav	Graphene-Based Supercapacitors: Challenges and Opportunities
6	12.35 – 1.00 pm	Prof. Sagar Mitra	Storage Reaction Mechanism Study in Layered Transition Metal Chalcogenide (TMC) using in-operando TEM and Synchrotron-based in situ X-ray absorption near-edge structures studies supported by theoretical modelling
7	1.00 – 2.00 pm	<i>Student presentations</i>	

**Day 2 - 27<sup>th</sup> August 2020**

Sr. No.	Time	Name	
1	10.00 – 10.25 am	Prof. Meenal Kowshik	Biocompatible nano-vehicle composed of surface modified inorganic hydroxyapatite nanoparticles for bio-imaging and gene delivery in prokaryotic and eukaryotic cells
2	10.25 – 10.50 am	Prof. N. B. Singh	Nanomaterials and their applications
3	10.50 – 11.15am	Prof. K.S.Rane	Catalysis and Photocatalysis
4	11.15 – 11.40am	Dr. Kamal P Sharma	Synthesis of small-diameter single-walled carbon nanotubes from platinum-group metal catalysts
5	11.40 – 12.05pm	Prof. Narendra Nath Ghosh	Development of Novel Synthesis Route to Prepare Active Electrode Materials for Fabrication of High Performance Supercapacitor Device
6	12.05 – 1.20pm	<i>Student presentations</i>	
7	1.20- 1.25pm	<i>Prof. Takahiro Maruyama</i>	Comments on the two-day International Symposium
	1.25-1.30 pm	<i>Report by secretary</i>	
8	1.30 – 2.00pm (IST) 9.00-9.30 am (Portugal time)	Prof. José Luís Figueiredo, University of Porto, Portugal	The Versatility of Carbon: Custom-Made Nanostructures (Introduction by Prof Julio Fernandes, Goa University Vote of Thanks by Dr Purnakala Samant)
9.	2.00 pm-2.05 pm	Vote of Thanks	Convenor Prof. Vrinda Borker